



Annual Performance Report Form

Facility Name: Rockwell Collins, Inc. - Coralville Operations

Performance Track ID #: A07-0010

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: 7-1-2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1 ☐ Name of your facility: Rockwell Collins, Inc. - Coralville Operations
- A.2 ☐ Name of your parent company: Rockwell Collins, Inc.
- A.3 ☐ Facility contact person for the Performance Track program:
Name: Mr./Mrs./Ms./Dr. Rickie L. Pelle
Title: Director, Environmental Services
Phone: 319-295-5710 Fax: 319-295-3437 E-mail: rlpelle@rockwellcollins.com
- A.4 ☐ Facility's location:
Street Address: 2855 Heartland Drive
Street Address (cont.):
City/State/Zip Code: Coralville, Iowa 52241
- A.5 ☐ Facility's website address (if any):
- A.6 ☐ Number of employees (full-time equivalents) who currently work in the facility: 500-1000
- A.7 ☐ Does your company meet the Small Business Administration definition of a small business for your sector? ☐ Yes ☒ No
- A.8 ☐ North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 334220 334418 _____
- A.9 ☐ In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below. ☐ Yes ☒ No
- A.10 ☐ Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."
"No Changes"

Section B

Environmental Management System

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

☒ Yes ☐ No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

Type: ISO 14001:1996

Scope: All elements of the standard and all areas of the facility

Date: April 2001

b. Was an internal or corporate EMS audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

Type: ISO 14001:1996

Scope: ISO 14001 Standard Elements and Rockwell Collins environmental policies and procedures.

Date: February 5, 2001

Type: ISO 14001:1996

Scope: Facility Documentation associated with all elements of the ISO 14001 standard, except 4.2 (Policy), 4.4.1 (Structure), 4.4.3 (Communication), and 4.5.4 (EMS Audit).

Date: August 6, 2001

c. Was a compliance audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

Type: Compliance Audit

Scope: Applicable state, federal and local regulations and Rockwell Collins environmental policies and procedures.

Date: December 5-6, 2001

Auditor: Rockwell Collins Environmental Services corporate staff

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Iowa Department of Natural Resources Air Bureau Inspection - February 14, 2001

EPA Region VII -RCRA Inspection - June 12, 2001 -Compliance Assistance Visit.

Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

To ensure consistent application of ISO 14001 requirements, the facility environmental engineer and coordinator attended a day-long meeting with other Rockwell Collins Performance Track facilities to review internal EMS findings. As a result of the meeting and the findings, several clarifications and revisions were made to Rockwell Collins environmental procedures, including definition of how quickly a procedure change needs to be implemented at each facility; incorporation into the EMS of internal communications to track actual and potential regulatory and procedure changes; incorporation into the EMS of a revised environmental incident reporting system; revision to impact scoring that requires large quantity generators and major air emission sources to consider the hazardous waste and air aspects, respectively, as significant; implemented satellite accumulation area registration for routine internal inspection; and implemented an electronic container tracking system for hazardous, universal and controlled waste to ensure storage time limits, if applicable, are not exceeded.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

☒ Yes ☐ No ☐ No such instances identified

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed? *mo/yr* January 2, 2002

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Brad Cronk

Title: Industrial Engineer

Section B

(continued)

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001? ☒ Yes ☐ No

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* January 7, 2002

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Material Use	The facility was able to reduce total solder paste usage (FY2001 vs FY2000) by 19.2%. This was achieved by optimizing usage of two new stencil printers.
Waste	Earlier replacement of an existing conformal coat machine with a more efficient computerized unit resulted in significant chemical use and waste reductions. The Coralville facility was able to change the hazardous waste generator status from that of a large to small quantity generator during June 2001.
Material Use	The facility removed a "foam -in-place" packaging process that emitted VOC air emissions and created a non-recyclable waste product for customers. Use of a new "air pillow" packaging method has resulted in no VOC emissions and a recyclable product for the customer.
Energy Use	Facility reduced component test cycle times which resulted in facility electrical reductions.
Material Use	See performance commitment C1
Solid Waste	See performance commitment C2
Water Use	See performance commitment C3
Material Use	See performance commitment C4

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category (see page 16 of the instructions): Material Use					
Aspect (see page 16 of the instructions): Total Material Use (Reduction of Liquid Nitrogen)					
	<i>Baseline</i> (as stated in your application)	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment</i> (the goal stated in your application)
<i>Calendar Year</i>	2000	2001	2002	2003	2003
<i>Actual Quantity</i> (per year)	45,670	36,229			(optional)
<i>Measurement Units</i>	Pounds				
<i>Normalizing Factor*</i>	1.0	1.22			(optional)
<i>Basis for your Normalizing Factor*</i>	Board sides produced				
<i>Normalized Quantity*</i> (per year)	45,670	29,695			38,820
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Purchased and installed two new convection reflow ovens replacing two existing units. The new units consume less nitrogen gas.

Note: This performance goal was changed from the original application to reflect a facility-wide (15%) nitrogen reduction goal in pounds.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.2

Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category (see page 16 of the instructions): Waste					
Aspect (see page 16 of the instructions): Total Solid Waste (Landfill Reduction)					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001	2002	2003	2003
<i>Actual Quantity (per year)</i>	139,721	110,723			(optional)
<i>Measurement Units</i>	Pounds				
<i>Normalizing Factor*</i>	1.0	1.22			(optional)
<i>Basis for your Normalizing Factor*</i>	Board sides produced				
<i>Normalized Quantity* (per year)</i>	139,721	90,757			118,763
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The facility has a comprehensive recycling program that includes recycling such items as paper, notebooks, static-proof bags, metals, toner cartridges, some types of plastics and much more.

Rockwell Collins has already exceeded the performance commitment and will strive for continued reductions.

Note: The baseline (2000) and Performance Commitment (2003) quantities submitted in the original application were incorrect. The corrected numbers are shown in the table above. Below is a comparison to show the changes. (15% reduction)

	Application	Corrected
Baseline (2000)	152,000	139,721
Goal (2003)	129,075	118,763

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Waste Wise - EPA

Section C

(continued)

C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category (see page 16 of the instructions): Water Use					
Aspect (see page 16 of the instructions): Total Water Use (DI water in post coat wash process)					
	<i>Baseline</i> (as stated in your application)	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment</i> (the goal stated in your application)
<i>Calendar Year</i>	2000	2001	2002	2003	2003
<i>Actual Quantity</i> (per year)	54,600	18,300			(optional)
<i>Measurement Units</i>	Gallons				
<i>Normalizing Factor*</i>	1.0	1.22			(optional)
<i>Basis for your Normalizing Factor*</i>	Board sides produced				
<i>Normalized Quantity*</i> (per year)	54,600	15,000			18,300
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Product quality based experiments showed that the replacement frequency associated with the Post Coat Water Wash Process could be extended from 1 day to 7 days without compromising unit performance or product quality.

Note: The baseline (2000) and Performance Commitment (2003) quantities submitted in the original application were incorrect. The corrected numbers are shown in the table above. Below is a comparison to show the changes.

	Application	Corrected
Baseline (2000)	37,500	54,600
Goal (2003)	18,750	18,300

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category (see page 16 of the instructions): Material Use

Aspect (see page 16 of the instructions): Total Material Use (ESD Containers)

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001	2002	2003	2003
<i>Actual Quantity (per year)</i>	322,641	399,748			(optional)
<i>Measurement Units</i>	Number of New Units Purchased (pieces)				
<i>Normalizing Factor*</i>	1.0	1.453			(optional)
<i>Basis for your Normalizing Factor*</i>	Total number of units required by facility				
<i>Normalized Quantity* (per year)</i>	322,641	274,748			287,151

*See pages 15-17 of the instructions for more information

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Note: Unable to calculate material usage in pounds for this performance goal.

The Coralville facility ships electronic components and inventory to other Rockwell Collins sites in ESD protective packaging. ESD stands for packaging that is protected against electrostatic discharge. The individual bags and boxes used to package each individual component are collected at the receiving facility, sorted, and sent back to Coralville for re-use. The goal is to increase the ratio of reused containers, thus decreasing the need to purchase new containers. This results in reduced new material use and reduced landfill contributions.

The facility demand for packaging containers increased during CY2001. Although there was an increase in the number of new containers purchased to satisfy this demand, the overall ratio of re-used containers vs new increased from 59% to 65%, which is the underlying goal.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section D

Public Outreach and Performance Reporting

D.1

Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

The Rockwell Collins Annual Environmental, Health and Safety report was made publicly available on the Rockwell Collins web site (www.rockwellcollins.com).

Hard copies will be sent to the Coralville Public Library, and to the individuals that served as references in our initial application. A press release will be sent to the mayor's office and the local media.

Coralville facility personnel participated in a local library art fair where area children created art/crafts from Rockwell Collins packaging and office waste materials. The activity emphasized recycling.

The following waste materials were donated to local organizations for re-use in 2001. These are materials that otherwise would have been disposed of in the landfill.

*** 1470 used three ring binders were donated to local schools.

*** 25 bails of compressed "foam-in-place" material was donated to local archery club for target practice.

*** Truck loads of excess packing material such as styro foam peanuts and bubble pack were donated to local commercial business for re-use.

To accomplish the extensive container re-use sorting activity associated with performance commitment C.4, Rockwell Collins Coralville Operations is working with two local organizations (Goodwill Industries & Options of Linn County) by providing an employment opportunity/ work experience for disabled or disadvantaged individuals.

D.2

Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

☒ Website (URL www.rockwellcollins.com)

☐ Open House

☐ Meetings

☒ Press Releases

☐ Community Advisory Panel

☒ Other See response to D1.

Section E

Self-Certification of Continued Program Participation

On behalf of Rockwell Collins, Inc. - Coralville Operations,
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date _____

Printed Name Mr./Mrs./Ms./Dr. Mark Correll

Title Director, Coralville Mfg Operations

Phone Number/E-mail Address (319) 295-1270 / mecorrell@collins.rockwell.com

Facility Name Rockwell Collins, Inc. - Coralville Operations

Facility Street Address 2855 Heartland Dr. Coralville, IA 52241

Performance Track Identification Number A07-0010

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.